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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/847,657	05/02/2001	Teresa G. Winter	WR151-BIGW	7080

7590 08/29/2002

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Jaffrey, NH 03452

EXAMINER

KATCHEVES, BASIL S

ART UNIT	PAPER NUMBER
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3635

DATE MAILED: 08/29/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/847,657

Applicant(s)

WINTER, TERESA G.

Examiner

Basil Katcheves

Art Unit

3635

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 May 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 02 May 2001 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s) _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

Drawings

The drawings are objected to under 37 CFR 1.83(a) because they fail to show ramlocks and grommet connections as described in the specification. Any structural detail that is essential for a proper understanding of the disclosed invention should be shown in the drawing. MPEP § 608.02(d). A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

Figures 3b-3d do not clearly show the "ramlocks" and the "grommets" or any means of how they are used to connect the panels.

Figure 1 contains text. Correction is required.

Figures throughout have faded component numbers. Correction is required.

Claim Rejections - 35 USC § 112

Claims 9-14 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The claims do not describe the process of joining ramlocks or grommets together in order to join two prefabricated panels together.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

Art Unit: 3635

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-5 are rejected under 35 U.S.C. 102(b) as being anticipated by U.S. patent No. 5,600,929 to Morris.

Regarding claim 1, Morris discloses a prefabricated panel having a ribbed interior skin made of metal (fig. 10: 12), a flat exterior skin made of fiberglass (fig. 10: 16) and a foam core sized to fit between the two skins (fig. 10: 14).

Regarding claim 2, Morris discloses a metal ribbed skin (fig. 10: 12).

Regarding claim 3, Morris discloses a fiberglass skin (fig. 10: 16).

Regarding claim 4, Morris discloses a foam core (fig. 10: 14).

Regarding claim 5, Morris discloses the panel section as terminating at midway of a rib (fig. 9: 14).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 5,600,929 to Morris in view of U.S. Patent No. 5,088,259 to Myers.

Regarding claim 6, Morris does not disclose a slot formed in the foam core. Myers discloses a slot in a foam cored panel (fig. 5). It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify Morris by adding slots in the foam core in order to allow for air circulation, decrease weight and reduce costs.

Claims 7 and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 5,600,929 to Morris in view of U.S. Patent No. 4,936,071 to Karrfalt.

Claims 7 and 8 are rejected for reasons cited in rejection of claim 1. However, Morris does not disclose joining the panels together at mid-rib edges and affixing a cap over the joint area. Karrfalt discloses joining ribbed panels together at mid-rib edges by fastening a panel over the joined area (fig. 1:15). It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify Morris by adding a cap, as disclosed by Karrfalt, in order to better secure the connections of panels to obtain a desired length while maintaining structural integrity.

Claims 9-14 are rejected for reasons cited in rejection of claim 1. However, Morris does not disclose ramlock securing devices and grommets to connect panels. It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify Morris by using through-bolts passing through grommets, as through-bolts are of a similar design to the "ramlocks" of the instant application, and may be used to better secure sections together, as through-bolts are commonly used in the art of construction for securing construction components, such as wall panels, together.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

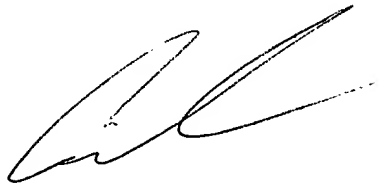
The cited patents listed on the included form PTO-892 further show the state of the art with respect to corrugated panels in general.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Basil Katcheves whose telephone number is (703) 306-0232. The examiner can normally be reached on Monday-Friday from 7:30 am to 4:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Carl Friedman, can be reached at (703) 308-0832.

BK *BF*

8/23/02



Carl D. Friedman
Supervisory Patent Examiner
Group 3600